



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pelican Wire Company Inc.
3650 Shaw Blvd.
Naples, FL 34117

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 October 2024

Certificate Number: AC-3138



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Pelican Wire Company Inc.
3650 Shaw Blvd.
Naples, FL 34117
Edward Valykeo (239) 597-8555

CALIBRATION

Valid to: **October 13, 2024**

Certificate Number: **AC-3138**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Resistance - Measure	1.000 000 0 Ω	0.002 9 Ω	Keysight 34420A Multimeter
	10.000 000 Ω	0.003 Ω	
	100.000 00 Ω	0.008 5 Ω	
	1.000 000 00 kΩ	0.08 Ω	
	1.200 000 00 kΩ	0.092 Ω	
	10.000 000 kΩ	2.6 Ω	
	100.000 00 kΩ	8 Ω	

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Thermocouples	(-40 to 93) °C		Comparison to Fluke 5628 PRT (System 3)
	Type E	0.27 °C	
	Type J	0.31 °C	
	Type K	0.4 °C	
	Type N	0.32 °C	
Thermocouples	(93 to 148) °C		Comparison to Fluke 5624 PRT (System 1)
	Type E	0.32 °C	
	Type J	0.36 °C	
	Type K	0.44 °C	
	Type N	0.37 °C	
	Type T	0.32 °C	

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Thermocouples	(149 to 426) °C		Comparison to Fluke 5624 PRT (System 1)
	Type E	0.44 °C	
	Type J	0.47 °C	
	Type K	0.53 °C	
	Type N	0.48 °C	
	Type T	0.44 °C	
	(426 to 649) °C		
	Type E	0.59 °C	
	Type J	0.61 °C	
	Type N	0.62 °C	
Thermocouples	(538 to 1 200) °C		Comparison to Fluke 5650 Type S Thermocouple Standard (System 1 HT)
	Type E	0.78 °C	
	Type J	0.79 °C	
	Type K	0.83 °C	
	Type N	0.8 °C	
Thermocouples	(93 to 148) °C		Comparison to Fluke 5650 Type S Thermocouple Standard (System 2)
	Type E	0.4 °C	
	Type J	0.44 °C	
	Type K	0.51 °C	
	Type N	0.44 °C	
	Type T	0.4 °C	
	(149 to 426) °C		
	Type E	0.5 °C	
	Type J	0.53 °C	
	Type K	0.59 °C	
	Type N	0.54 °C	
	Type T	0.5 °C	
	(426 to 649) °C		
	Type E	0.64 °C	
	Type J	0.66 °C	
Type K	0.71 °C		
Type N	0.66 °C		

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-3138.



R. Douglas Leonard Jr., VP, PILR SBU

